

INTERNATIONAL SEARCH REPORT

PCT/IB 03/06099

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05B33/08 H05B35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2001 144332 A (SHARP CORP) 25 May 2001 (2001-05-25) & US 6 628 249 A (KAMIKAWA ET AL.) 30 September 2003 (2003-09-30) column 14, line 56 -column 22, line 9 column 10, line 60 -column 11, line 14 figures 9-18	1, 4-15, 18-20 2, 3, 16
Y	US 6 411 046 B1 (MUTHU SUBRAMANIAN) 25 June 2002 (2002-06-25) column 1, line 38 -column 2, line 26	2, 3, 16
A	US 6 111 362 A (COGHLAN WILLIAM A ET AL) 29 August 2000 (2000-08-29) the whole document	1-20

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the International search

30 March 2004

Date of mailing of the International search report

03/05/2004

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PCT/IB 03/06099

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			US	6628249 B1	30-09-2003
US 6411046	B1	25-06-2002	CN	1443304 T	17-09-2003
			EP	1348318 A2	01-10-2003
			WO	02052901 A2	04-07-2002
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			WO	0028515 A1	18-05-2000